

05-11-01

A

PTO/SB/05

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

## CONTINUING PATENT APPLICATION TRANSMITTAL

Assistant Commissioner for Patents  
Washington, D.C. 20231  
BOX PATENT APPLICATIONAttorney Docket No.: QCPA446C1  
Date: May 9, 2001  
Express Mail Label No.: ET100743403US11040 U.S. PTO  
09/852389

105/09/01

Transmitted herewith for filing is a:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

Inventor(s): Lundby, et al.

For: METHOD AND APPARATUS FOR PROVIDING ORTHOGONAL SPOT BEAMS, SECTORS,  
AND PICOCELLS

Prior application information:

Examiner: S. Nguyen

Group Art Unit: 2664

Serial No.: 08/925,521

Filed on: September 8, 1997

Inventor(s): Lundby, et al.

For: METHOD AND APPARATUS FOR PROVIDING ORTHOGONAL SPOT BEAMS, SECTORS,  
AND PICOCELLS

Enclosed are:

1. ☒ Patent application (17) total pages.
2. ☒ Drawings: ☒ Formal (6) sheet(s) or ☐ Informal ( ) sheet(s).
3. ☒ Declaration/Power of Attorney: ☐ Signed ☐ Unsigned ☒ Copy from prior application.
4. ☐ An Assignment ( ) pages and Recordation Form Cover Sheet.
5. ☐ Deletion of Inventor(s). Signed statement attached deleting inventor(s) named in the prior application.
6. ☐ A Preliminary Amendment ( ) pages.
7. ☒ Information Disclosure Statement (IDS):
  - a. ☒ PTO-1449
  - b. ☒ Copies of IDS Citations (number of citations: 6 (not included))
8. ☐ Other:

CLAIMS:	(a) Filed	(b) Extra Claims	Large Entity Fee	Fee Paid
Total*	1-20	0	x \$18 =	\$0.00
Independent**	1-3	0	x \$80 =	\$0.00
Multiple Dependent Claim(s): <input type="checkbox"/> No <input type="checkbox"/> Yes			\$270	\$
APPLICATION FILING FEE			\$710	\$710.00
TOTAL FEE				\$710.00

\*If the number in column a is less than 20, enter 0 in column b.  
\*\*If the number in column b is less than 3, enter 0 in column b.

9. ☐ A check in the amount of \$\_\_\_\_\_ is enclosed to pay the filing fee.
10. ☒ Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated in the amount of \$710.00. The Commissioner is hereby authorized to charge payment of any additional fees which may be required, or credit any overpayment, to said Deposit Account No. 17-0026. A duplicate of this sheet is enclosed.
11. ☒ The Commissioner is further hereby authorized to charge to said Deposit Account No. 17-0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

Date: May 9, 2001

Signature: Pavel KalousekPavel Kalousek, Reg. No. 44,178  
(858) 658-3072QUALCOMM Incorporated  
5775 Morehouse Drive  
San Diego, California 92121-1714  
Telephone: (858) 651-1179  
Facsimile: (858) 658-2502

Customer No. 23696

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of )  
Lundby, et al. ) For: Method and Apparatus for Providing  
Serial No. Unknown ) Orthogonal Spot Beams, Sectors,  
Filed: Herewith ) and Picocells  
Group Art Unit: Unknown

**CERTIFICATE OF MAILING UNDER 37 CFR § 1.10**

Asst. Commissioner of Patents  
BOX CONTINUATION PATENT APPLICATIONS  
Washington, D.C. 20231

Dear Sir:

"Express Mail" mailing label No. ET100743403US  
Date of Deposit MAY 9, 2001

I hereby certify that the following papers are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to the Asst. Commissioner of Patents, Box Continuation Patent Applications, Washington, D.C. 20231:

**CONTINUATION APPLICATION IN 17 PAGES; TRANSMITTAL LETTER IN DUPLICATE; 6 SHEETS OF FORMAL DRAWINGS; COPY OF SIGNED DECLARATION/POWER OF ATTORNEY; INFORMATION DISCLOSURE STATEMENT IN 2 PAGES; PTO-1449 IN 1 PAGE IN DUPLICATE WITH 6 REFERENCES (NOT INCLUDED) AND POSTCARD**

Kayla R. Seignious

Kayla R. Seignious  
(Name)  
Kayla R. Seignious  
(Signature)

QUALCOMM Incorporated  
5775 Morehouse Drive  
San Diego, California 92121-1714  
Telephone: (858) 845-3313/Facsimile: (858) 658-2502

106050-050901